

# Converting Colors

HunterLab(84.3200, -33.5369,  
-2.5246)

Have a look what the booklet for  
HunterLab(84.3200, -33.5369,  
-2.5246) contains.

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# Color

**HunterLab(84.2519,  
-33.5597, -2.3969)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80EDE8
RGB	128, 237, 232
RGB Percent	50%, 93%, 91%
CMY	0.4980, 0.0706, 0.0902
CMYK	0.46, 0.00, 0.02, 0.07
HSL	177°, 75%, 72%
HSV	177°, 46%, 93%
XYZ	53.7518, 70.9838, 87.2122
YIQ	203.8390, -63.3590, -24.6630

# Conversions

## Conversions Part 2

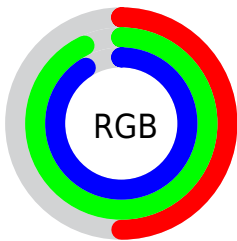
Format	Color
<a href="#">RYB</a>	<a href="#">128, 184, 237</a>
Decimal	<a href="#">8449512</a>
CIELab	<a href="#">87.48, -32.54, -7.33</a>
CIELCh	<a href="#">87, 33.357, 192.692</a>
Yxy	<a href="#">70.9866, 0.2536, 0.3349</a>
Android (android.graphics.Color)	<a href="#">4286639592 (0xFF80EDE8)</a>
YUV	<a href="#">203.8390, 13.8834, -66.5108</a>
Hunter-Lab	<a href="#">84.2519, -33.5597, -2.3969</a>

# Details

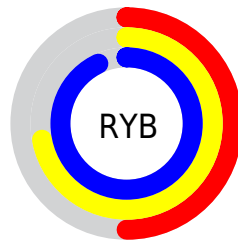
The HunterLab color **84.2519, -33.5597, -2.3969** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **59.2777, 37.4324, 14.9845**, and the grayscale version is **77.6012, -4.1406, 4.2162**.

A 20% lighter version of the original color is **94.5012, -25.0278, -1.5638**, and **61.1356, -29.1030, -2.6723** is the 20% darker color. If you saturate the color by 10%, you get **83.2446, -37.5176, -3.1626**, and if you desaturate by 10%, it is **85.5021, -28.7527, -1.3212**.

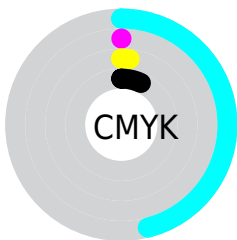
# Distribution



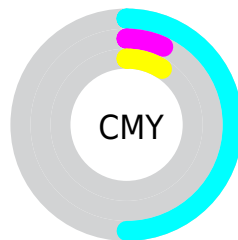
- Red (50%)
- Green (93%)
- Blue (91%)



- Red (50%)
- Yellow (72%)
- Blue (93%)



- Cyan (46%)
- Magenta (0%)
- Yellow (2%)
- Black (7%)




- Cyan (50%)
- Magenta (7%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.2519, -33.5597, -2.3969 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 84.2519, -33.5597, -2.3969 by changing the saturation by 10% instead.




 84.2519, -33.5597,  
-2.3969


 84.2519, -33.5597,  
-2.3969


215.4081,  
-52.6396, 2.3571


 72.3403, -31.2640,  
-2.7271


 109.8247,  
-37.9964, -1.5988

 61.0485, -28.8975,  
-3.0090


 123.4326,  
-40.1553, -1.1389

 50.4143, -26.4414,  
-3.2370


 137.5603,  
-42.2843, -0.6410

 40.4812, -23.8684,  
-3.4057

152.1894,  
-44.3889, -0.1071

 31.3027, -21.1384,  
-3.5078

167.3031,  
-46.4733, 0.4610

 22.9469, -18.1885,  
-3.5343

182.8864,

 15.5046, -14.9128,

-48.5413, 1.0620

-3.4731

198.9256,  
-50.5959, 1.6944

■ 9.0990, -15.9232,  
-3.3220

0.0000, NaN, -NF

■ 84.2519, -33.5597,  
-2.3969

■ 84.2519, -33.5597,  
-2.3969

■ 83.2446, -37.5176,  
-3.1626

■ 85.5021, -28.7527,  
-1.3212

■ 82.4658, -40.6265,  
-3.6281

■ 86.9956, -23.1157,  
0.0592

■ 81.9026, -42.9158,  
-3.8074

■ 88.7360, -16.6891,  
1.7368

■ 81.5350, -44.4454,  
-3.7257

■ 90.7219, -9.5269,  
3.6974

■ 81.3351, -45.3138,  
-3.4206

■ 92.9492, -1.6930,  
5.9228

■ 81.2827, -45.5524,  
-3.2618

■ 93.8269, 1.3831,  
6.4682

■ 93.8612, 1.5684,  
5.9789

■ 93.8956, 1.7548,  
5.4870

■ 93.9303, 1.9421,  
4.9926

# Harmonies

## Analogous

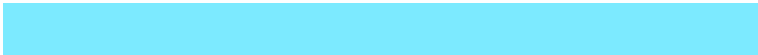
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2535, -32.9847, 13.1673



84.2519, -33.5597, -2.3969



84.2535, -26.8008, -18.8334

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2535, -33.5604, -2.3957



84.2535, 18.3672, -21.0607



84.2535, 5.2555, 28.8232

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84.2519, -33.5597, -2.3969



59.2777, 37.4324, 14.9845

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2535, 20.3922, 22.7607



84.2519, -33.5597, -2.3969



84.2535, 28.3570, -5.0048

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2535, -33.5604, -2.3957



84.2535, 2.6624, -30.9356



84.2535, 29.1257, 11.0173



84.2535, -11.4310, 29.2504

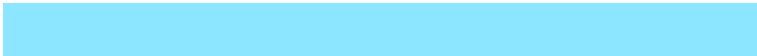


# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.2519, -33.5597, -2.3969



84.2535, -18.7146, -27.2749



84.2535, 29.1257, 11.0173



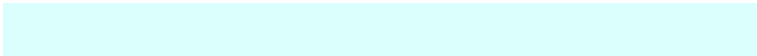
84.2535, 10.7241, 27.4402

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84.2535, -33.5604, -2.3957



96.8202, -16.6893, 2.2761



81.9469, -47.7241, 34.8829



44.5882, -8.4690, 0.8520

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2535, -33.5604, -2.3957



90.5319, -40.4686, -3.3840



68.3017, -9.3390, -27.6287



41.3633, -5.5570, 1.3723



60.0626, -33.6301, -2.4754



16.8418, -9.3581, -0.8494



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59.2777, 37.4324, 14.9845



59.0335, 50.3104, 19.0289



71.4351, 11.3115, 27.2646



38.8140, 1.4884, 3.0688



31.3815, 53.7999, 19.8282

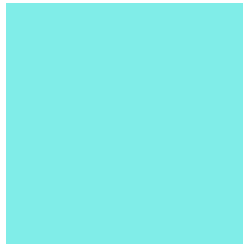


8.8162, 15.1592, 5.2233



# Previews

## White Background



This preview shows how the HunterLab color 84.2519, -33.5597, -2.3969 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

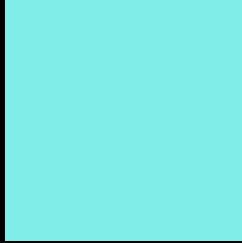
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.2519, -33.5597, -2.3969 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

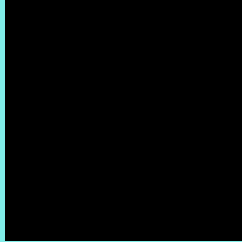
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 84.2519, -33.5597, -2.3969 Background



This preview shows how black text looks on a background with the HunterLab color 84.2519, -33.5597, -2.3969.



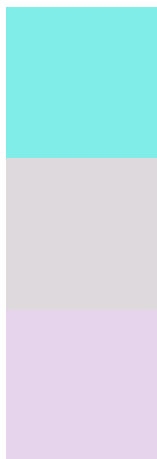
This preview shows how white text looks on a background with the HunterLab color 84.2519,

-33.5597,-2.3969.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

84.2519, -33.5597, -2.3969

### Protanopia

83.7647, -2.6413, 3.6428

### Deuteranopia

83.6806, 5.9968, -5.0992



## Tritanopia

84.2650, -26.7535, -13.9305

# Trichromacy



## Original Color

84.2519, -33.5597, -2.3969



## Protanomaly

83.2213, -15.6495, 0.7648



## Deuteranomaly

83.0954, -10.4194, -5.0599



## Tritanomaly

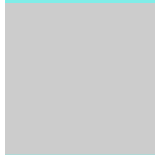
84.2109, -29.2914, -9.4440

# Monochromacy



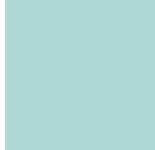
## Original Color

84.2519, -33.5597, -2.3969



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

79.4965, -16.5255, 1.2483

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.2519, -33.5597, -2.3969 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 237, 232)` looks like.

```
.text, #text, p{  
    color:rgb(128, 237, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 237, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 237, 232) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.2519, -33.5597, -2.3969 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 237, 232) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(128, 237, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(128, 237, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 237, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 237, 232);  
box-shadow:4px 4px 4px 4px rgb(128, 237,  
232) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.2519, -33.5597, -2.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 237, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
237, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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